

ABSTRACT OF THE DISCLOSURE

A home network connecting apparatus in which a plurality of IEEE 1394 interface standard based home appliances are connected to access the Internet, includes: an appliance having a Web server proxy agent for fetching information on an appliance connected to a home network to generate a home page, providing an HTML file format information on the appliance connected to the home network to a remote area, transmitting control information of the appliance connected to the home network received from the remote area to a pertinent appliance; and transmitting an operation result of the pertinent appliance to the remote area; and an appliance having a web server FCM (Functional Component Module) operated according to a control command received from the appliance having the Web server proxy agent, wherein the two appliances are connected with a HAVi digital network. A model for the Web server FCM and the Web server proxy agent is proposed and connected to the HAVi home network by using the Internet, a request from the remote area through the Internet can be processed in the HAVi home network. In addition, since the home appliances connected to the HAVi home network share the resources of Web-accessible appliances (i.e., Internet Application Protocol, TCP, IP or Hardware, etc.), so that other appliances can process the request signal from the Internet only with an HTML file as provided.

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